THE MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI M. KANNAPPAN): (a) and (b) Indian Renewable Energy Development Agency (IREDA) has sanctioned 16 non-conventional energy projects with a total loan amount of Rs. 73.65 crores in the country during the current year 2001-02 (upto 30th June, 2001) including 2 projects with loans of Rs. 4.35 crores sanctioned in the State of Tamil Nadu. The 16 sanctioned projects include 8 power generation projects from wind, solar photovoltaic and Cogeneration and are expected to generate additional power of 26 MW, when commission.

Production of Non-Conventional Energy in Karnataka

386. SHRI K. RAHMAN KHAN: Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) the total production of non-conventional energy in Karnataka;

(b) what are the different types of non-conventional energy projects taken up in Karnataka and the investment made in each project; and

(c) what is the quantum of subsidy given to Karnataka for promotion of non-conventionai energy during the last three years?

THE MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI M. KANNAPPAN): (a) to (c) the Ministry has been supporting a wide range of Non-conventional energy projects for power generation based on solar, wind, biomass and small hydro power throughout the country including the State of Karnataka. A total capacity of about 252 MW power generation projects have been set up based on these non-conventional energy sources in the State of Karnataka so far. A total amount of Rs. 40.29 crores has been provided by the Ministry as subsidy and other financial incentives under various non-conventional energy programmes during the last three years i.e., 1998-99 to 2000-01 to the State of Karnataka. The details of physical achievements made and funds released under major non-conventional energy programmes in the State of Karnataka are given in the Statement.

Statement

Details of Physical achievements and funds released under various Non-conventional Energy Programmes in the State of Karnataka (as on 31.3.2001)

SI. No.	Name of the Programmes (	Physical Achievements as on 31.03.2001)	Funds Released during last 3 years (Rs. in Crores)
1	Biogas (No. in lakhs)	3.09	14.81
2	Improved Chulha (no. in iakhs)	15.99	0.44
3	Integrated Rural Energy Programme (Nos. of Blocks)	42	0.80
4	Energy Parks (Nos.)	10	0.07
5	Urban & Industrial Waste (MW)	1	0.40
6	Solar Photovoltaic Power (KW)	30	0.00
7	Small Hydro Power (MW)	138.4	0.82
8	Biomass Power (MW)	63	18.69
9	Biomass Gasifier (KW)	3699	1.41
10	Wind Power (MW)	45	0.07
11	Solar Cookers (Nos.)	250	0.00
12	SPV Water Pumps (Nos.)	305	0.07
13	Solar Photovoltaic Programmes (Nos..) i) Solar Street Lighting Systems (Nos.) ii) Home Lighting Systems (Nos.) iii) Solar Lanterns (Nos.) iv) Power Plants (KWp)	— 639 1032 3765 3.0	1.63 0.00 0.00 0.00 0.00
14	New Technology (R&D Projects)	—	1.08
	TOTAL:	—	40.29

MW=Megawatt, KW=Kilowatt, KWp=Kilowatt peak